

Name \_\_\_\_\_ Per \_\_\_\_\_ Date \_\_\_\_\_

## Triangle Sort

Directions:

1. Cut out and sort the triangles into three groups so that no triangle will fit into two groups. Fill in the table with a description of the grouping and the letters of the triangles that belong there.

	Group 1	Group 2	Group 3
Description			
Triangles			

2. Using the hardbound math book, write definitions for the following terms in your own words.

Word	Definition	Diagram
Equilateral Triangle		
Isosceles Triangle		
Scalene Triangle		
Right Triangle		
Acute Triangle		
Obtuse Triangle		

3. Sketch a triangle that fits for each of the 9 cells. The triangle must have both properties for that cell. Ex. Isosceles and acute.

	Equilateral	Isosceles	Scalene
Right			
Acute			
Obtuse			

Answer:

1. Two of the cells are impossible to fill, which two are they and why?

2. What properties make triangles unique from other polygons?